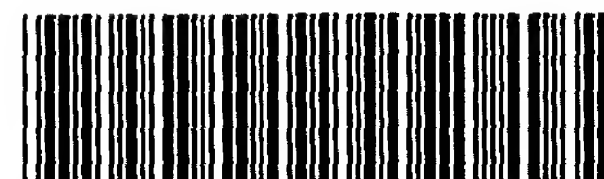


#2



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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/091,236

DATE: 03/20/2002

TIME: 16:21:25

Input Set : A:\10271053999.txt

Output Set: N:\CRF3\03202002\J091236.raw

3 <110> APPLICANT: DINGIVAN, CHRISTINE A.
 5 <120> TITLE OF INVENTION: METHODS OF PREVENTING OR TREATING INFLAMMATORY OR AUTOIMMUNE
 6 DISORDERS BY ADMINISTERING INTEGRIN ALPHA-V-BETA-3 ANTAGONISTS IN
 7 COMBINATION WITH OTHER PROPHYLACTIC OR THERAPEUTIC AGENTS
 9 <130> FILE REFERENCE: 10271-053-999
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/091,236
 C--> 12 <141> CURRENT FILING DATE: 2002-03-04
 14 <150> PRIOR APPLICATION NUMBER: US 60/273,098
 15 <151> PRIOR FILING DATE: 2001-03-02
 17 <150> PRIOR APPLICATION NUMBER: US 60/316,321
 18 <151> PRIOR FILING DATE: 2001-08-31
 20 <160> NUMBER OF SEQ ID NOS: 17
 22 <170> SOFTWARE: PatentIn version 3.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 5
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Mus sp.
 29 <400> SEQUENCE: 1
 30 Ser Tyr Asp Met Ser
 31 1 5
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 7
 35 <212> TYPE: PRT
 36 <213> ORGANISM: Mus sp.
 38 <400> SEQUENCE: 2
 39 Lys Val Ser Ser Gly Gly Gly
 40 1 5
 42 <210> SEQ ID NO: 3
 43 <211> LENGTH: 8
 44 <212> TYPE: PRT
 45 <213> ORGANISM: Mus sp.
 47 <400> SEQUENCE: 3
 48 His Asn Tyr Gly Ser Phe Ala Tyr
 49 1 5
 51 <210> SEQ ID NO: 4
 52 <211> LENGTH: 11
 53 <212> TYPE: PRT
 54 <213> ORGANISM: Mus sp.
 56 <400> SEQUENCE: 4
 57 Gln Ala Ser Gln Ser Ile Ser Asn His Leu His
 58 1 5 10
 60 <210> SEQ ID NO: 5
 61 <211> LENGTH: 11

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DATE: 03/20/2002

TIME: 16:21:25

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Output Set: N:\CRF3\03202002\J091236.raw

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62 <212> TYPE: PRT
63 <213> ORGANISM: Mus sp.
65 <400> SEQUENCE: 5
66 Tyr Arg Ser Gln Ser Ile Ser Asn His Leu His
67 1 5 10
69 <210> SEQ ID NO: 6
70 <211> LENGTH: 9
71 <212> TYPE: PRT
72 <213> ORGANISM: Mus sp.
74 <400> SEQUENCE: 6
75 Gln Gln Ser Gly Ser Trp Pro His Thr
76 1 5
78 <210> SEQ ID NO: 7
79 <211> LENGTH: 351
80 <212> TYPE: DNA
81 <213> ORGANISM: Mus sp.
83 <220> FEATURE:
84 <221> NAME/KEY: CDS
85 <222> LOCATION: (1)..(351)
86 <223> OTHER INFORMATION:
88 <400> SEQUENCE: 7
89 cag gtg cag ctg gtg gag tct ggg gga ggc gtt gtg cag cct gga agg 48
90 Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
91 1 5 10 15
92 tcc cat aga ctc tcc tgt gca gcc tct gga ttc acc ttc agt agc tat 96
93 Ser His Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
94 20 25 30
95 gac atg tct tgg gtt cgc cag gct ccg ggc aag ggt ctg gag tgg gtc 144
96 Asp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
97 35 40 45
98 gca aaa gtt agt agt ggt ggt ggt agc acc atc ata tta gac act gtg 192
99 Ala Lys Val Ser Ser Gly Gly Gly Ser Thr Ile Ile Leu Asp Thr Val
100 50 55 60
101 cag ggc cga ttc acc atc tcc aga gac aat agt aag aac acc cta tac 240
102 Gln Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
103 65 70 75 80
104 ctg caa atg aac tct ctg aga gcc gag gac aca gcc gtg tat tac tgt 288
105 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
106 85 90 95
107 gca aga cat aac tac ggc agt ttt gct tac tgg ggc caa ggg act aca 336
108 Ala Arg His Asn Tyr Gly Ser Phe Ala Tyr Trp Gly Gln Gly Thr Thr
109 100 105 110
110 gtg act gtt tct agt 351
111 Val Thr Val Ser Ser
112 115
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 117
116 <212> TYPE: PRT
117 <213> ORGANISM: Mus sp.

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/091,236

DATE: 03/20/2002

TIME: 16:21:25

Input Set : A:\10271053999.txt

Output Set: N:\CRF3\03202002\J091236.raw

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119 <400> SEQUENCE: 8
120 Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
121 1 5 10 15
123 Ser His Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
124 20 25 30
127 Asp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
128 35 40 45
130 Ala Lys Val Ser Ser Gly Gly Gly Ser Thr Ile Ile Leu Asp Thr Val
131 50 55 60
133 Gln Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
134 65 70 75 80
136 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
137 85 90 95
139 Ala Arg His Asn Tyr Gly Ser Phe Ala Tyr Trp Gly Gln Gly Thr Thr
140 100 105 110
142 Val Thr Val Ser Ser
143 115
145 <210> SEQ ID NO: 9
146 <211> LENGTH: 321
147 <212> TYPE: DNA
148 <213> ORGANISM: Mus sp.
150 <220> FEATURE:
151 <221> NAME/KEY: CDS
152 <222> LOCATION: (1)..(321)
153 <223> OTHER INFORMATION:
155 <400> SEQUENCE: 9
156 gag att gtg cta act cag tct cca gcc acc ctg tct ctc agc cca gga 48
157 Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
158 1 5 10 15
159 gaa agg gcg act ctt tcc tgc cag gcc agc gaa agt att agc aac cac 96
160 Glu Arg Ala Thr Leu Ser Cys Gln Ala Ser Glu Ser Ile Ser Asn His
161 20 25 30
162 cta cac tgg tat caa caa agg cct ggt caa gcc cca agg ctt ctc atc 144
163 Leu His Trp Tyr Gln Gln Arg Pro Gly Gln Ala Pro Arg Leu Leu Ile
164 35 40 45
165 aag tat cgt tcc cag tcc atc tct ggg atc ccc gcc agg ttc agt ggc 192
166 Lys Tyr Arg Ser Gln Ser Ile Ser Gly Ile Pro Ala Arg Phe Ser Gly
167 50 55 60
168 agt gga tca ggg aca gat ttc acc ctc act atc tcc agt ctg gag cct 240
169 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
170 65 70 75 80
171 gaa gat ttt gca gtc tat tac tgt caa cag agt ggc agc tgg cct cac 288
172 Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Ser Gly Ser Trp Pro His
173 85 90 95
174 acg ttc gga ggg ggg acc aag gtg gaa att aag 321
175 Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
176 100 105
178 <210> SEQ ID NO: 10
179 <211> LENGTH: 107

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PATENT APPLICATION: US/10/091,236

DATE: 03/20/2002

TIME: 16:21:25

Input Set : A:\10271053999.txt

Output Set: N:\CRF3\03202002\J091236.raw

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180 <212> TYPE: PRT
181 <213> ORGANISM: Mus sp.
183 <400> SEQUENCE: 10
184 Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
185 1 5 10 15
188 Glu Arg Ala Thr Leu Ser Cys Gln Ala Ser Glu Ser Ile Ser Asn His
189 20 25 30
191 Leu His Trp Tyr Gln Gln Arg Pro Gly Gln Ala Pro Arg Leu Leu Ile
192 35 40 45
194 Lys Tyr Arg Ser Gln Ser Ile Ser Gly Ile Pro Ala Arg Phe Ser Gly
195 50 55 60
197 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
198 65 70 75 80
200 Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Ser Gly Ser Trp Pro His
201 85 90 95
203 Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
204 100 105
206 <210> SEQ ID NO: 11
207 <211> LENGTH: 5
208 <212> TYPE: PRT
209 <213> ORGANISM: Mus sp.
211 <400> SEQUENCE: 11
212 Glu Tyr Tyr Met Tyr
213 1 5
215 <210> SEQ ID NO: 12
216 <211> LENGTH: 17
217 <212> TYPE: PRT
218 <213> ORGANISM: Mus sp.
220 <400> SEQUENCE: 12
221 Arg Ile Asp Pro Glu Asp Gly Ser Ile Asp Tyr Val Glu Lys Phe Lys
222 1 5 10 15
224 Lys
227 <210> SEQ ID NO: 13
228 <211> LENGTH: 9
229 <212> TYPE: PRT
230 <213> ORGANISM: Mus sp.
232 <400> SEQUENCE: 13
233 Gly Lys Phe Asn Tyr Arg Phe Ala Tyr
234 1 5
236 <210> SEQ ID NO: 14
237 <211> LENGTH: 16
238 <212> TYPE: PRT
239 <213> ORGANISM: Mus sp.
241 <400> SEQUENCE: 14
242 Arg Ser Ser Gln Ser Leu Leu His Ser Ser Gly Asn Thr Leu Asn Trp
243 1 5 10 15
245 <210> SEQ ID NO: 15
246 <211> LENGTH: 7
247 <212> TYPE: PRT

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/091,236

DATE: 03/20/2002

TIME: 16:21:25

Input Set : A:\10271053999.txt

Output Set: N:\CRF3\03202002\J091236.raw

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248 <213> ORGANISM: Mus sp.
250 <400> SEQUENCE: 15
251 Leu Val Ser Lys Leu Glu Ser
252 1 5
254 <210> SEQ ID NO: 16
255 <211> LENGTH: 9
256 <212> TYPE: PRT
257 <213> ORGANISM: Mus sp.
259 <400> SEQUENCE: 16
260 Met Gln Phe Thr His Tyr Pro Tyr Thr
261 1 5
263 <210> SEQ ID NO: 17
264 <211> LENGTH: 347
265 <212> TYPE: PRT
266 <213> ORGANISM: Homo sapiens
268 <400> SEQUENCE: 17
269 Met Val Ala Gly Ser Asp Ala Gly Arg Ala Leu Gly Val Leu Ser Val
270 1 5 10 15
272 Val Cys Leu Leu His Cys Phe Gly Phe Ile Ser Cys Phe Ser Gln Gln
273 20 25 30
275 Ile Tyr Gly Val Val Tyr Gly Asn Val Thr Phe His Val Pro Ser Asn
276 35 40 45
278 Val Pro Leu Lys Glu Val Leu Trp Lys Lys Gln Lys Asp Lys Val Ala
279 50 55 60
281 Glu Leu Glu Asn Ser Glu Phe Arg Ala Phe Ser Ser Phe Lys Asn Arg
282 65 70 75 80
284 Val Tyr Leu Asp Thr Val Ser Gly Ser Leu Thr Ile Tyr Asn Leu Thr
285 85 90 95
287 Ser Ser Asp Glu Asp Glu Tyr Glu Met Glu Ser Pro Asn Ile Thr Asp
288 100 105 110
290 Thr Met Lys Phe Phe Leu Tyr Val Asp Lys Thr His Thr Cys Pro Pro
291 115 120 125
293 Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro
294 130 135 140
296 Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr
297 145 150 155 160
299 Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn
300 165 170 175
302 Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg
303 180 185 190
305 Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val
306 195 200 205
308 Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser
309 210 215 220
312 Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys
313 225 230 235 240
315 Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
316 245 250 255
318 Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/091,236

DATE: 03/20/2002

TIME: 16:21:26

Input Set : A:\10271053999.txt

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L:11 M:270 C: Current Application Number differs, Replaced Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date